

Appl. No. 10/584,769
Amdt. dated March 12, 2009
Reply to Office action of Dec. 12, 2008

REMARKS

Claims 12-31 are pending in the application. Of those, claims 27-30 have been withdrawn.

Reconsideration of the rejection of claim 12 under 35 USC 102 (b) as being anticipated by US 4876472 to Shiraki et al is respectfully requested.

Claim 12 is directed to an electrical machine having at least four exciter poles in the stator and having a commutator rotor which has a number of slots and pole teeth on its circumference, which number is greater than the number of exciter poles, having

a number of commutator laminations which is twice as large as the number of pole teeth, and having at least one pair of stationary carbon brushes which are offset from one another by a pole pitch of the exciter pole and cooperate with the laminations of the commutator for supplying current to coils which are each wound onto one of the pole teeth, and

the diametrically opposed laminations are each joined together via contact bridges, the improvement wherein, there is an even number of slots, pole teeth and coils, *the beginning and end of one of the coils disposed on adjacent pole teeth is connected directly to a pair of laminations adjacent to one another, and the beginning and end of the other coil is connected via one of the contact bridges to a lamination adjacent to the pair of laminations adjacent to one another.*

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Shiraki et al is relied upon for exciter poles, a stator (50), a commutator rotor, slots (6), pole teeth (4), laminations (72), carbon brushes (12), and contact bridges.

Applicant disagrees with the examiner's interpretation of the reference, which lacks an even number of slots, pole teeth, and coils, lacks the beginning and end of one of the coils disposed on adjacent pole teeth being connected directly to the laminations adjacent to one another, and lacks the beginning and end of the other coil being connected via one of the contact bridges to the laminations adjacent to one another.

To clarify that the beginning and end of one coil (S1) of the coils (S1, S2) disposed on adjacent pole teeth (Z1, Z2) is connected directly to the laminations (L1, L12) adjacent to one another, and the beginning and end of the other coil (S2) is connected via one of the contact bridges (K1) to the laminations (L12, L11) adjacent to one another, rather than to the laminations (L1, L12) adjacent to one another, the amended claims recite that "the beginning and end of one of the coils disposed on adjacent pole teeth is connected directly to a pair of laminations adjacent to one another, and the beginning and end of the other coil is connected via one of the contact bridges to a lamination adjacent to the pair of laminations adjacent to one another."

Furthermore, there is no disclosure by Shiraki et al of the recited feature that the beginning and the end of the second coil are connected via a contact bridge.

Therefore, Shiraki et al clearly does not anticipate the recited arrangement of the recited elements, as required by 35 U.S.C. 102. Accordingly withdrawal of the rejection and allowance of all the claims are respectfully requested.

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Dependent claims 13-26 and 31 have been indicated to be allowable if presented in independent form. These claims have been amended to be in the proper form for allowance.

The above amendments are being made to place the application in better condition for examination.

Entry of the amendment is respectfully solicited.

Respectfully submitted,

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